

## ABSTRACT

The invention relates to the detection of biomolecules or analogs thereof in micro-arrays and the supports used for the micro-arrays. Methods for determining or testing binding of a first member molecule within an array or library of tentative first member binding molecules for binding with a second member binding molecule are disclosed. A support for a micro-array suitable for determining binding of a first member molecule within a library of spots of tentative first member binding molecules with a second member binding molecule is disclosed. The support includes a support surface wherein surface patches are interspersed within surface areas that are materially distinct from the patches.

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